

Supplementary material for LHCb-PAPER-2012-011

The mass fits for the K_s^0 channels are shown below in the individual q^2 bins.

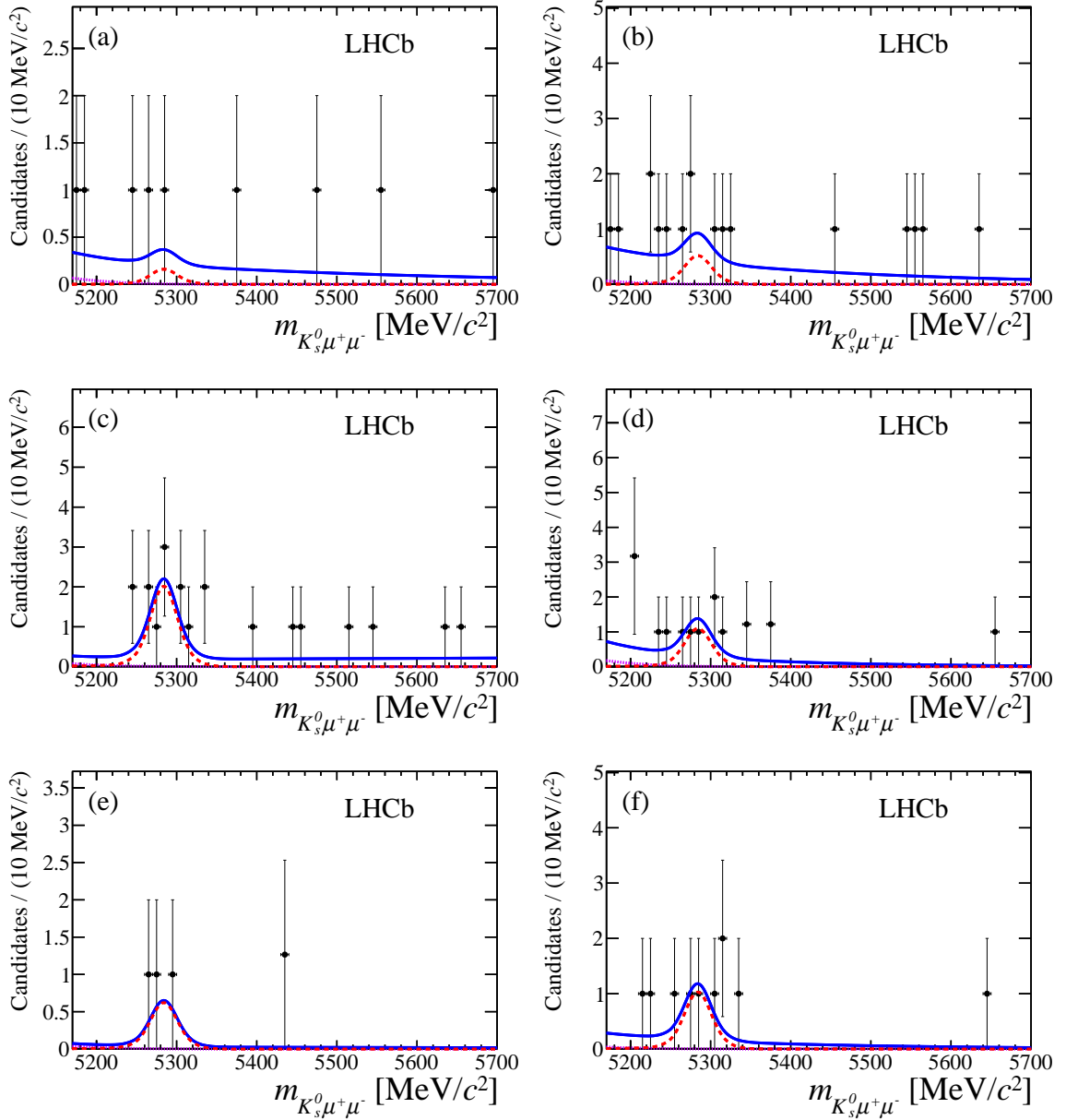


Figure 1: Mass distributions and fits for $B^0 \rightarrow K_s^0 \mu^+ \mu^-$ decays in the individual q^2 bins for the L category. The figures are ordered as in Table 2 of the main paper.

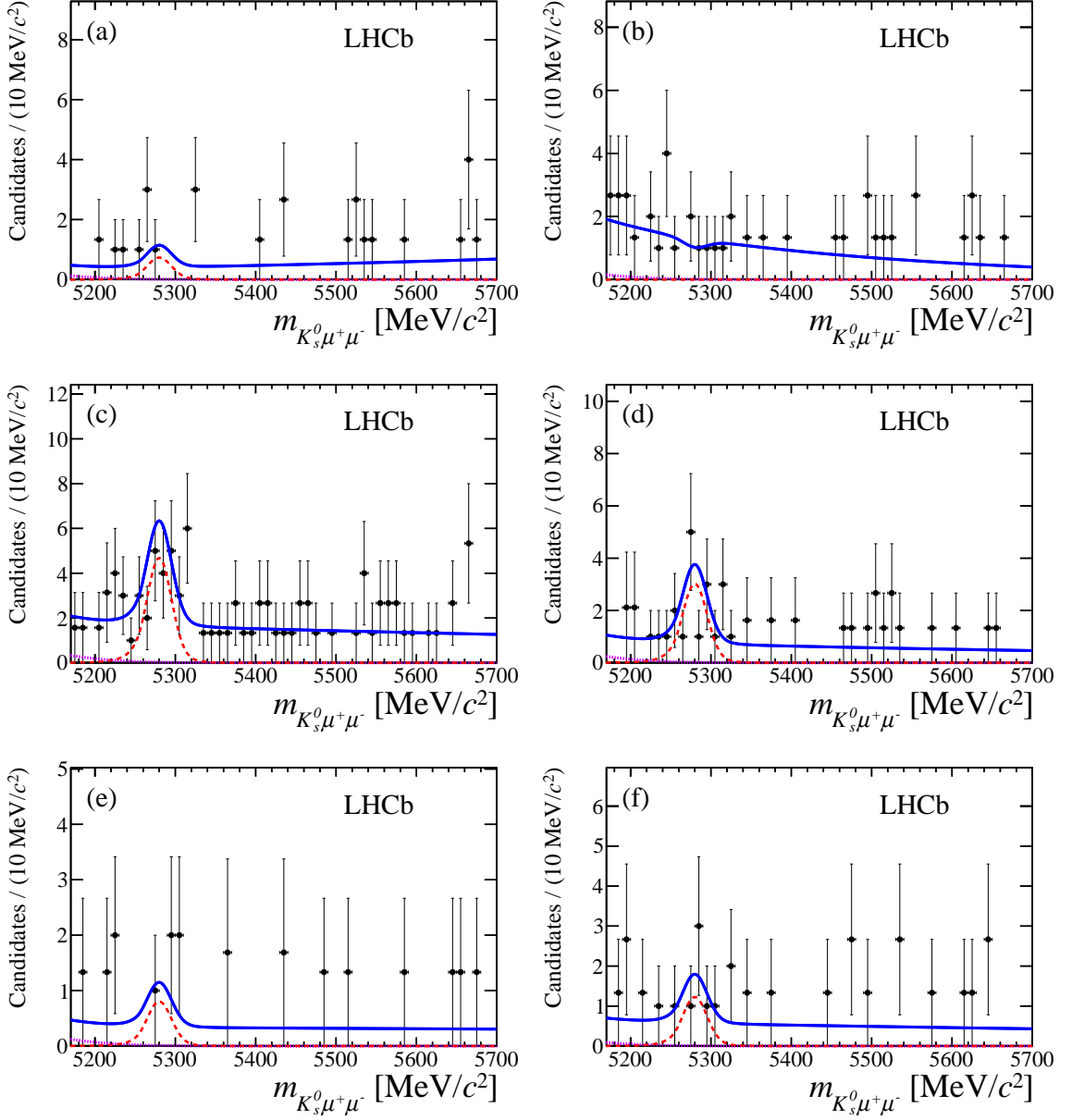


Figure 2: Mass distributions and fits for $B^0 \rightarrow K_s^0 \mu^+ \mu^-$ decays in the individual q^2 bins for the D category. The figures are ordered as in Table 2 of the main paper.

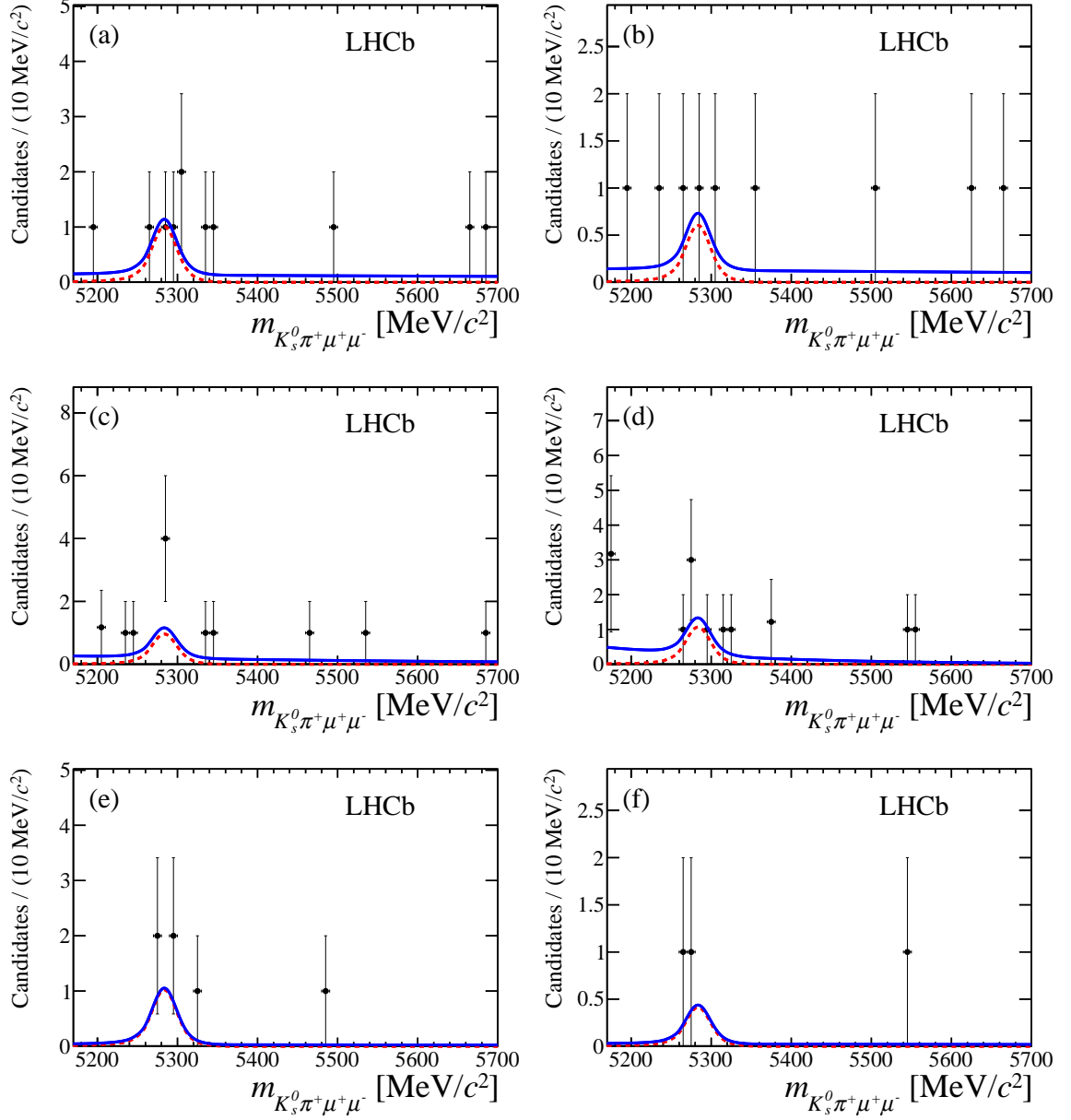


Figure 3: Mass distributions and fits for $B^+ \rightarrow K^{*+} \mu^+ \mu^-$ decays in the individual q^2 bins for the L category. The figures are ordered as in Table 3 of the main paper.

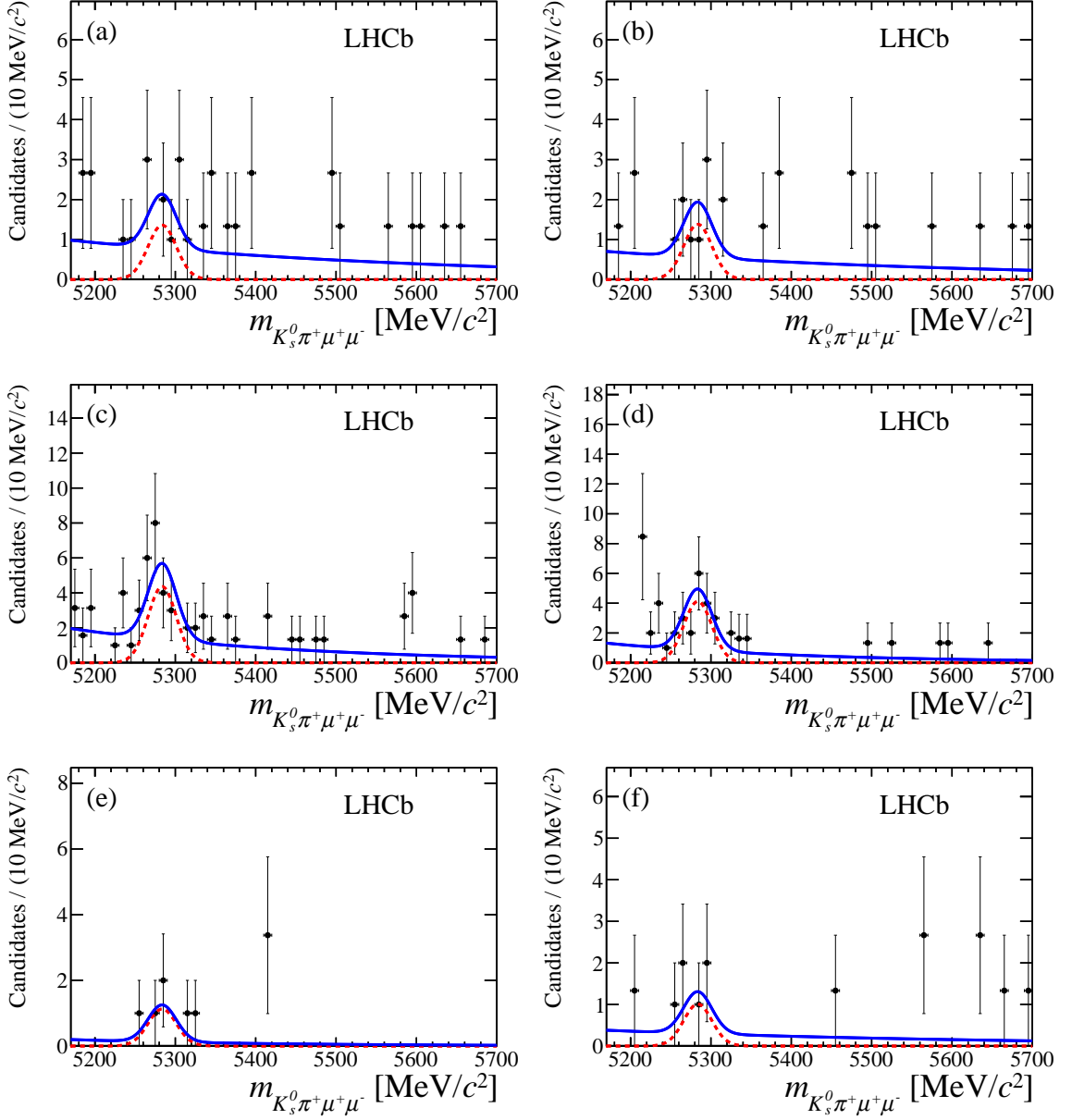


Figure 4: Mass distributions and fits for $B^+ \rightarrow K^{*+} \mu^+ \mu^-$ decays in the individual q^2 bins for the D category. The figures are ordered as in Table 3 of the main paper.